RAW SEQUENCE LISTING
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Application Serial Number: _10/666,490_

Source: _FFWO_

Date Processed by STIC: _2/20/04_

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Revised 10/08/03

RAW SEQUENCE LISTING   DATE: 02/20/2004
PATENT APPLICATION: US/10/666,490   TIME: 08:10:10

Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt
Output Set: N:\CRF4\02202004\J666490.raw

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   3 <110> APPLICANT: Li, Jian;
   4        Mbow, Lamine;
   5        Goletz, Terry;
   6        Peritt, David
   8 <120> TITLE OF INVENTION: METHOD OF INDUCING MATURATION OF DENDRITIC CELLS AND USES
THEREFOR
  10 <130> FILE REFERENCE: CEN0312 NP
  12 <140> CURRENT APPLICATION NUMBER: US 10/666,490
  13 <141> CURRENT FILING DATE: 2003-09-19
  15 <150> PRIOR APPLICATION NUMBER: 60/412,145
W--> 16 <150> PRIOR APPLICATION NUMBER: 2002-09-19
  18 <160> NUMBER OF SEQ ID NOS: 5
  20 <170> SOFTWARE: PatentIn Ver 3.0
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Does Not Comply Corrected Diskette Needed (pg. 1-5)

ERRORED SEQUENCES

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  28 1               5                   10                  15
  30 Asp Gln Val Leu Phe Ile Asp Gln Gly Asn Arg Pro Leu Phe Glu Asp
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  33 Met Thr Asp Ser Asp Cys Arg Asp Asn Ala Pro Arg Thr Ile Phe Ile
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  36 Ile Ser Met Tyr Lys Asp Ser Gln Pro Arg Gly Met Ala Val Thr Ile
E--> 37         50                  55                  60
  39 Ser Val Lys Cys Glu Lys Ile Ser Thr Leu Ser Cys Glu Asn Lys Ile
E--> 40 65                  70                  75                  80
  42 Ile Ser Phe Lys Glu Met Asn Pro Pro Asp Asn Ile Lys Asp Thr Lys
E--> 43             85                  90                  95
  45 Ser Asp Ile Ile Phe Phe Gln Arg Ser Val Pro Gly His Asp Asn Lys
E--> 46             100                 105                 110
  48 Met Gln Phe Glu Ser Ser Ser Tyr Glu Gly Tyr Phe Leu Ala Cys Glu
E--> 49             115                 120                 125
  51 Lys Glu Arg Asp Leu Phe Lys Leu Ile Leu Lys Lys Glu Asp Glu Leu
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  54 Gly Asp Arg Ser Ile Met Phe Thr Val Gln Asn Glu Asp
E--> 55 145                 150                 155
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  59 <211> LENGTH: 224
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RAW SEQUENCE LISTING   DATE: 02/20/2004
PATENT APPLICATION: US/10/666,490   TIME: 08:10:10

Input Set : A:\SEQ LIST CEN0312NP 02-10-04.txt
Output Set: N:\CRF4\02202004\J666490.raw

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 67 Phe Tyr Leu Lys His Cys Ser Cys Ser Leu Ala His Glu Ile Glu Thr
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 70 Thr Thr Lys Ser Trp Tyr Lys Ser Ser Gly Ser Gln Glu His Val Glu
 71         35                  40                  45
 73 Leu Asn Pro Arg Ser Ser Ser Arg Ile Ala Leu His Asp Cys Val Leu
 74     50                  55                  60
 76 Glu Phe Trp Pro Val Glu Leu Asn Asp Thr Gly Ser Tyr Phe Phe Gln
 77 65                  70                  75                  80
 79 Met Lys Asn Tyr Thr Gln Lys Trp Lys Leu Asn Val Ile Arg Arg Asn
 80                 85                  90                  95
 82 Lys His Ser Cys Phe Thr Glu Arg Gln Val Thr Ser Lys Ile Val Glu
 83             100                 105                 110
 85 Val Lys Lys Phe Phe Gln Ile Thr Cys Glu Asn Ser Tyr Tyr Gln Thr
 86         115                 120                 125
 88 Leu Val Asn Ser Thr Ser Leu Tyr Lys Asn Cys Lys Lys Leu Leu Leu
 89     130                 135                 140
 91 Glu Asn Asn Lys Asn Pro Thr Ile Lys Lys Asn Ala Glu Phe Glu Asp
 92 145                 150                 155                 160
 94 Gln Gly Tyr Tyr Ser Cys Val His Phe Leu His His Asn Gly Lys Leu
 95             165                 170                 175
 97 Phe Asn Ile Thr Lys Thr Phe Asn Ile Thr Ile Val Glu Asp Arg Ser
 98         180                 185                 190
100 Asn Ile Val Pro Val Leu Leu Gly Pro Lys Leu Asn His Val Ala Val
101         195                 200                 205
103 Glu Leu Gly Lys Asn Val Arg Leu Asn Cys Ser Ala Leu Leu Asn Glu
104     210                 215                 220
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108 <211> LENGTH: 1102                       — please insert this mandatory
109 <212> TYPE: DNA                               numeric identifier. Same error
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117 cctcagacct tccagatcgc ttcctctcgc aacaaactat ttgtcgcagg aataaagatg  180
119 gctgctgaac cagtagaaga caattgcatc aactttgtgg caatgaaatt tattgacaat  240
121 acgctttact ttatagctga agatgatgaa aacctggaat cagattactt tggcaagctt  300
123 gaatctaaat tatcagtcat aagaaatttg aatgaccaag ttctcttcat tgaccaagga  360
125 aatcggcctc tatttgaaga tatgactgat tctgactgta gagataatgc accccggacc  420
127 atatttatta taagtatgta taaagatagc cagcctagag gtatggctgt aactatctct  480
129 gtgaagtgtg agaaaatttc aactctctcc tgtgagaaca aaattatttc ctttaaggaa  540
131 atgaatcctc ctgataacat caaggataca aaaagtgaca tcatattctt tcagagaagt  600
133 gtcccaggac atgataataa gatgcaattt gaatcttcat catacgaagg atactttcta  660
135 gcttgtgaaa aagagagaga ccttttttaaa ctcattttga aaaagagga tgaattgggg  720
137 gatagatcta taatgttcac tgttcaaaac gaagactagc tattaaaatt tcatgccggg  780
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139 cgcagtggct cacgcctgta atcccagccc tttgggaggc tgaggcgggc agatcaccag  840
141 aggtcaggtg ttcaagacca gcctgaccaa catggtgaaa cctcatctct actaaaaata  900
143 ctaaaaatta gctgagtgta gtgacgcatg ccctcaatcc cagctactca agaggctgag  960
145 gcaggagaat cacttgcact ccggaggtag aggttgtggt gagccgagat tgcaccattg 1020
147 cgctctagcc tgggcaacaa cagcaaaact ccatctcaaa aaataaaata aataataaa 1080
149 caaataaaaa attcataatg tg          1102
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154 <211> LENGTH: 310
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W--> 156 <400> SEQUENCE: 4

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159 1               5                   10                  15
161 Ile Asp Val Arg Pro Cys Pro Leu Asn Pro Asn Glu His Lys Gly Thr
162             20                  25                  30
164 Ile Thr Trp Tyr Lys Asp Asp Ser Lys Thr Pro Val Ser Thr Glu Gln
165             35                  40                  45
167 Ala Ser Arg Ile His Gln His Lys Glu Lys Leu Trp Phe Val Pro Ala
168             50                  55                  60
170 Lys Val Glu Asp Ser Gly His Tyr Tyr Cys Val Val Arg Asn Ser Ser
171 65                  70                  75                  80
173 Tyr Cys Leu Arg Ile Lys Ile Ser Ala Lys Phe Val Glu Asn Glu Pro
174             85                  90                  95
176 Asn Leu Cys Tyr Asn Ala Gln Ala Ile Phe Lys Gln Lys Leu Pro Val
177             100                 105                 110
179 Ala Gly Asp Gly Gly Leu Val Cys Pro Tyr Met Glu Phe Phe Lys Asn
180             115                 120                 125
182 Glu Asn Asn Glu Leu Pro Lys Leu Gln Trp Tyr Lys Asp Cys Lys Pro
183             130                 135                 140
185 Leu Leu Leu Asp Asn Ile His Phe Ser Gly Val Lys Asp Arg Leu Ile
186 145                 150                 155                 160
188 Val Met Asn Val Ala Glu Lys His Arg Gly Asn Tyr Thr Cys His Ala
189             165                 170                 175
191 Ser Tyr Thr Tyr Leu Gly Lys Gln Tyr Pro Ile Thr Arg Val Ile Glu
192             180                 185                 190
194 Phe Ile Thr Leu Glu Glu Asn Lys Pro Thr Arg Pro Val Ile Val Ser
195             195                 200                 205
197 Pro Ala Asn Glu Thr Met Glu Val Asp Leu Gly Ser Gln Ile Gln Leu
198             210                 215                 220
200 Ile Cys Asn Val Thr Gly Gln Leu Ser Asp Ile Ala Tyr Trp Lys Trp
201 225                 230                 235                 240
203 Asn Gly Ser Val Ile Asp Glu Asp Asp Pro Val Leu Gly Glu Asp Tyr
204             245                 250                 255
206 Tyr Ser Val Glu Asn Pro Ala Asn Lys Arg Arg Ser Thr Leu Ile Thr
207             260                 265                 270
209 Val Leu Asn Ile Ser Glu Ile Glu Ser Arg Phe Tyr Lys His Pro Phe
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228 Phe Tyr Leu Lys His Cys Ser Cys Ser Leu Ala His Glu Ile Glu Thr
229             20                25                30
231 Thr Thr Lys Ser Trp Tyr Lys Ser Ser Gly Ser Gln Glu His Val Glu
232             35                40                45
234 Leu Asn Pro Arg Ser Ser Ser Arg Ile Ala Leu His Asp Cys Val Leu
235         50                55                60
237 Glu Phe Trp Pro Val Glu Leu Asn Asp Thr Gly Ser Tyr Phe Phe Gln
238 65                  70                75                80
240 Met Lys Asn Tyr Thr Gln Lys Trp Lys Leu Asn Val Ile Arg Arg Asn
241                 85                90                95
243 Lys His Ser Cys Phe Thr Glu Arg Gln Val Thr Ser Lys Ile Val Glu
244             100               105               110
246 Val Lys Lys Phe Phe Gln Ile Thr Cys Glu Asn Ser Tyr Tyr Gln Thr
247         115               120               125
249 Leu Val Asn Ser Thr Ser Leu Tyr Lys Asn Cys Lys Lys Leu Leu Leu
250     130               135               140
252 Glu Asn Asn Lys Asn Pro Thr Ile Lys Lys Asn Ala Glu Phe Glu Asp
253 145               150               155               160
255 Gln Gly Tyr Tyr Ser Cys Val His Phe Leu His His Asn Gly Lys Leu
256             165               170               175
258 Phe Asn Ile Thr Lys Thr Phe Asn Ile Thr Ile Val Glu Asp Arg Ser
259             180               185               190
261 Asn Ile Val Pro Val Leu Leu Gly Pro Lys Leu Asn His Val Ala Val
262         195               200               205
264 Glu Leu Gly Lys Asn Val Arg Leu Asn Cys Ser Ala Leu Leu Asn Glu
265     210               215               220
267 Glu Asp Val Ile Tyr Trp Met Phe Gly Glu Glu Asn Gly Ser Asp Pro
268 225                 230               235               240
270 Asn Ile His Glu Glu Lys Glu Met Arg Ile Met Thr Pro Glu Gly Lys
271             245               250               255
273 Trp His Ala Ser Lys Val Leu Arg Ile Glu Asn Ile Gly Glu Ser Asn
274             260               265               270
276 Leu Asn Val Leu Tyr Asn Cys Thr Val Ala Ser Thr Gly Gly Thr Asp
277         275               280               285
279 Thr Lys Ser Phe Ile Leu Val Arg Lys Ala
280     290               295
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VERIFICATION SUMMARY DATE: 02/20/2004
PATENT APPLICATION: **US/10/666,490** TIME: 08:10:11

Input Set : **A:\SEQ LIST CEN0312NP 02-10-04**.txt
Output Set: **N:\CRF4\02202004\J666490.raw**

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L:16 M:289 W: Identifier Missing or Out-Of-Order, <150> PRIOR APP FILING DATE
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L:25 M:283 W: Missing Blank Line separator, <400> field identifier
L:31 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:1
M:332 Repeated in SeqNo=1
L:61 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:61 M:283 W: Missing Blank Line separator, <400> field identifier
L:110 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:110 M:283 W: Missing Blank Line separator, <400> field identifier
L:156 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:156 M:283 W: Missing Blank Line separator, <400> field identifier
L:222 M:282 E: Numeric Field Identifier Missing, <213> is required.
L:222 M:283 W: Missing Blank Line separator, <400> field identifier
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